

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

WATER WELL REPORT

RECEIVED

5N/36E-16ad

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. _____

State Permit No. _____

(1) OWNER:

Name Corps of Engineers-Umatilla Fish Hatchery
Address Building 602, City-County Airport
Walla Walla, WA 99362

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

*SEE NOTE
Threaded Welded

....." Diam. from ft. to ft. Gage
....." Diam. from ft. to ft. Gage
....." Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____

Size of perforations in. by in.
..... perforations from ft. to ft.
..... perforations from ft. to ft.
..... perforations from ft. to ft.

(7) SCREENS:

*SEE NOTE
Well screen installed? Yes No

Manufacturer's Name Model No.
Type Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? SELF
Yield: 11,500 gal./min. with 31.1 ft. drawdown after 168 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 59°F Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used N/A
Well sealed from land surface to ft.
Diameter of well bore to bottom of seal in.
Diameter of well bore below seal in.
Number of sacks of cement used in well seal sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Morrow Driller's well number No. 1
SE ¼ NE ¼ Section 16 T. 5N R. 26E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 18 ft.
Static level 18.3 ft. below land surface. Date 9/1/88
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing N/A

Depth drilled 83 ft. Depth of completed well 83 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Sandy gravel, some silt	0	25	18
Sandy gravel, to 3"	25	51	18
Fine sand	51	62	18
Sandy gravel (cemented)	62	71	18
Sandy gravel, cobbles	71	78	18
Sand & Gravel (cemented)	78	83	18

*NOTE:

This water well is a Ranney Collector consisting of a 13 ft I.D. by 16 ft. O.D. reinforced concrete caisson with 1848 lineal feet of 10-3/4 inch O.D. horizontal screen laterals installed at depths of 69 to 74 feet. Screen openings are 0.125" x 2.000" with 328 slots per lineal foot of screen.

Work started Aug 31 1987 Completed Sept. 19 1988

Date well drilling machine moved off of well Sept. 21 1988

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] N/A Date, 19.....
(Drilling Machine Operator)

Drilling Machine Operator's License No. _____

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Ranney Method Western Corporation
(Person, firm or corporation) (Type or print)

Address Box 6387, Kennewick, WA 99336

[Signed] Frederick C. Mikels
(Water Well Contractor)

Contractor's License No. 580 Date Sept. 28, 1988